

| | Plant | List | t | | | |
|---------|-------|------|--|--------------------------------------|--------------|------------|
| Origin | ID | Qty | Botanical Name | Common Name | Scheduled Si | Remarks |
| | | 28 | LARGE DECIDUOUS TREES | | | |
| Ntv | As | 5 | Acer saccharum | Sugar Maple | 70mm caliper | WB, Staked |
| Ntv | Со | 9 | Celtis occidentalis | Common Hackberry | 60mm caliper | WB, Staked |
| Ntv | Cov | 2 | Carya ovata | Shagbark Hickory | 60mm caliper | WB, Staked |
| Non Ntv | GbAG | 3 | Ginkgo biloba 'Autumn Gold' | Autumn Gold Maidenhair Tree | 70mm caliper | WB, Staked |
| Ntv | Qm | 5 | Quercus macrocarpa | Burr Oak | 70mm caliper | WB, Staked |
| Ntv | Qr | 4 | Quercus rubra | Northern Red Oak | 70mm caliper | WB, Staked |
| | | 12 | LARGE COLUMNAR DECIDUOUS TREES | | | |
| Ntv H | ArAS | 2 | Acer rubrum 'Autumn Spire' | Autumn Spire Red Maple | 60mm caliper | WB, Staked |
| Ntv | CoPS | 3 | Celtis occidentalis 'Prairie Sentinel' | Prairie Sentinel Hackberry | 70mm caliper | WB, Staked |
| Ntv | GtD | 7 | Gleditsia triacanthos inermis 'Draves' | Streetkeeper Honeylocust | 70mm caliper | WB, Staked |
| | | 29 | MEDIUM DECIDUOUS TREES | | | |
| Ntv | Ag | 5 | Aesculus glabra | Ohio Buckeye | 50mm caliper | WB, Staked |
| Ntv | Вр | 2 | Betula papyrifera | Paper Birch, Canoe Birch | 60mm caliper | WB, Staked |
| Non N | MD | 3 | Malus 'Dolgo' | Malus Dolgo | 60mm caliper | WB Staked |
| Ntv | Ov | 6 | Ostrya virginiana | Ironwood | 50mm caliper | WB, Staked |
| Ntv | Sd | 4 | Sorbus Americana | Mountain Ash | 45mm caliper | WB, Staked |
| Ntv | Та | 3 | Tilia americana | Basswood | 70mm cal. | WB, Staked |
| Non Ntv | UF | 6 | Ulmus minor x parvifolia 'Frontier' | Frontier Elm | 70mm caliper | WB, Staked |
| | | 5 | SMALL DECIDUOUS TREES | | | |
| Ntv | CcgC | 5 | Crataegus crus-galli inermis 'Cruzam' | Thornless Crusader Cockspur Hawthorn | 45mm caliper | WB, Staked |
| | | 18 | CONIFEROUS TREES | | | |
| Ntv | Ab | 4 | Abies balsamea | Balsam Fir | 200 cm ht | WB, Staked |
| Ntv | Pg | 7 | Picea glauca | White Spruce | 200 cm ht | WB, Staked |
| Ntv | Pr | 2 | Pinus resinosa | Red Pine | 200cm ht | WB, Staked |
| Ntv | Ps | 5 | Pinus strobus | Eastern White Pine | 200 cm ht. | WB, Staked |

TREES UNDER CITY OWNERSHIP = 17, UNDER PRIVATE OWNERSHIP = 75

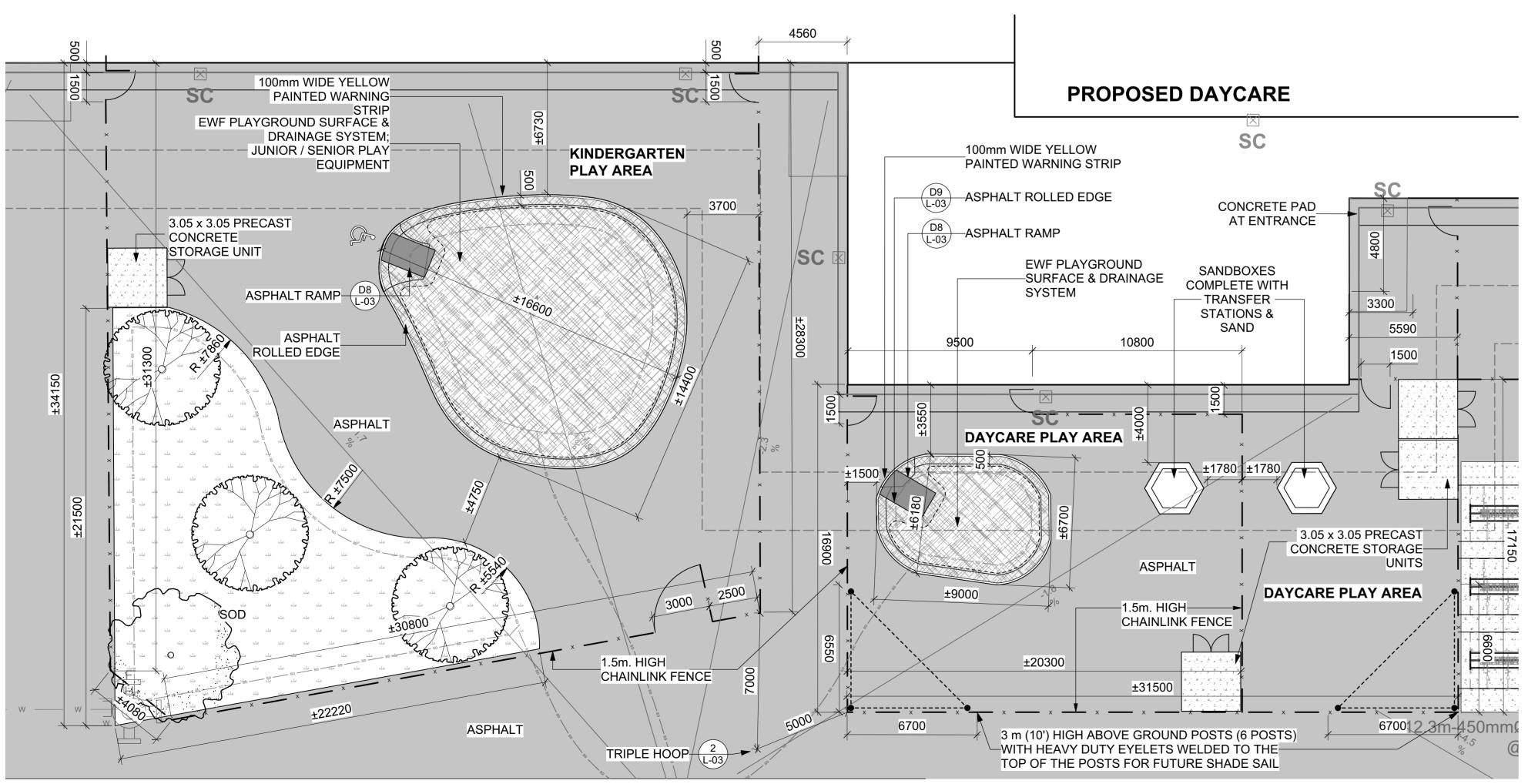
| Shrubs | | | | | | | |
|--------|------|--|--------------------|----------|--------|--|--|
| ТоН | 60 | Thuja occidentalis 'Holmstrup' | Holmstrup Cedar | 125cm ht | Potted | | |
| Perenn | ials | | | | | | |
| Hs | 90 | Helictrochon semperverens | Ornamental Oats | 3 year | Potted | | |
| CaKF | 120 | Calamagrostis x acutiflora 'Karl Foerster' | Feather Reed Grass | 3 year | Potted | | |

SITE SERVICING ELEMENTS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY. SEE CIVIL DRAWINGS FOR SITE SERVICING / GRADING

PLAN TO BE READ IN CONJUNCTION WITH 'TREE CONSERVATION REPORT FOR 700 SPRING VALLEY, OTTAWA ON' APRIL 08, 2025 BY Andrew K. Boyd, Certified Arborist #ON-0496A, IFS Associates.

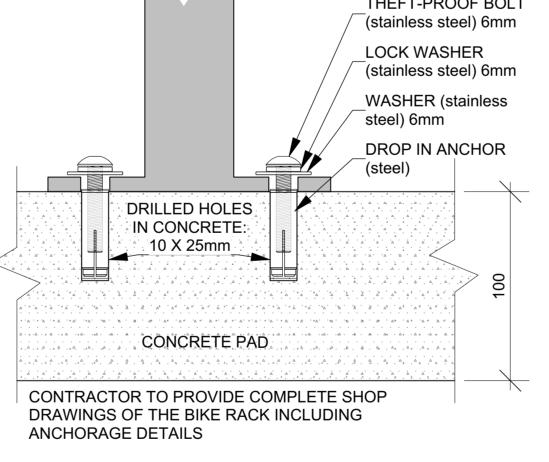
TRANSPLANTING & REFORESTATION NOTES TRANSPLANTING OF TREES TO BE COMPLETED AT THE PROJECT STARTUP, IDEALLY IN

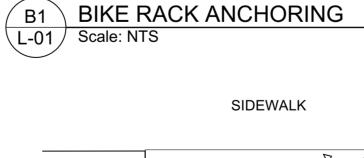
BASE CONTRACT: ASSUME ALL THE TREES CAN BE TRANSPLANTED. IF NOT THEN A MEDIUM TO LARGE NATIVE DECIDUOUS TREE (70CM CALIPER) FROM THE PLANT LIST SHOULD BE PLANTED INSTEAD.

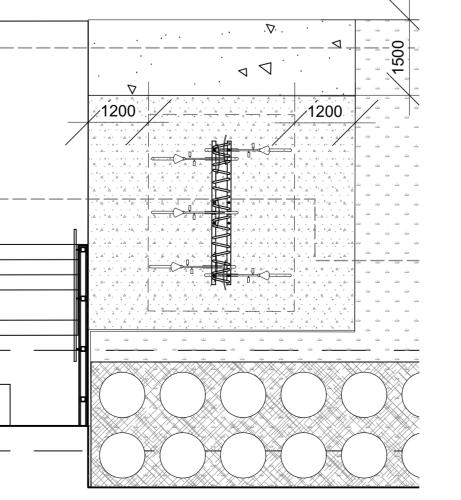


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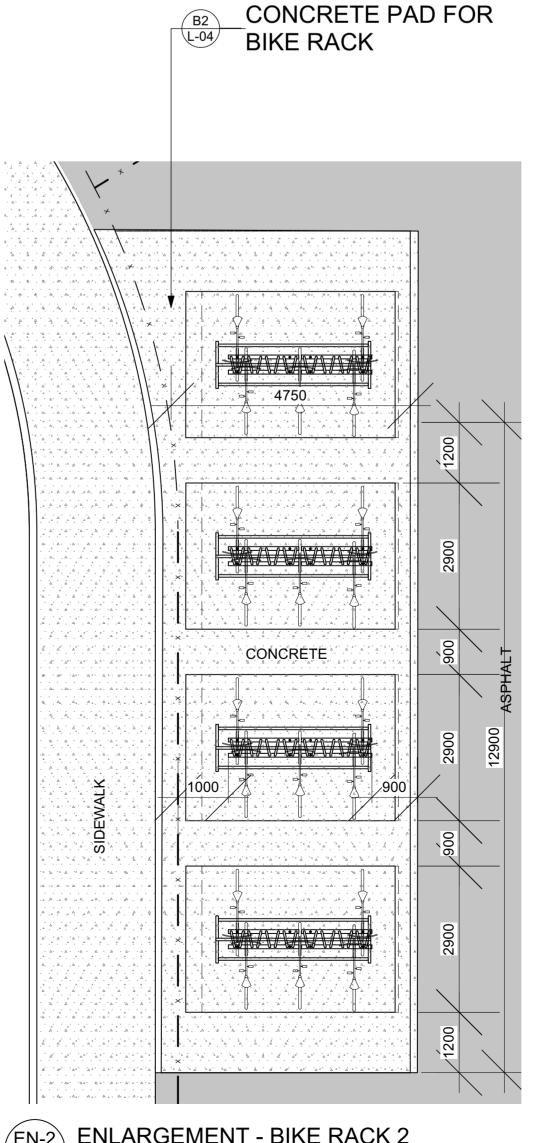
L-01 Scale: 1:150



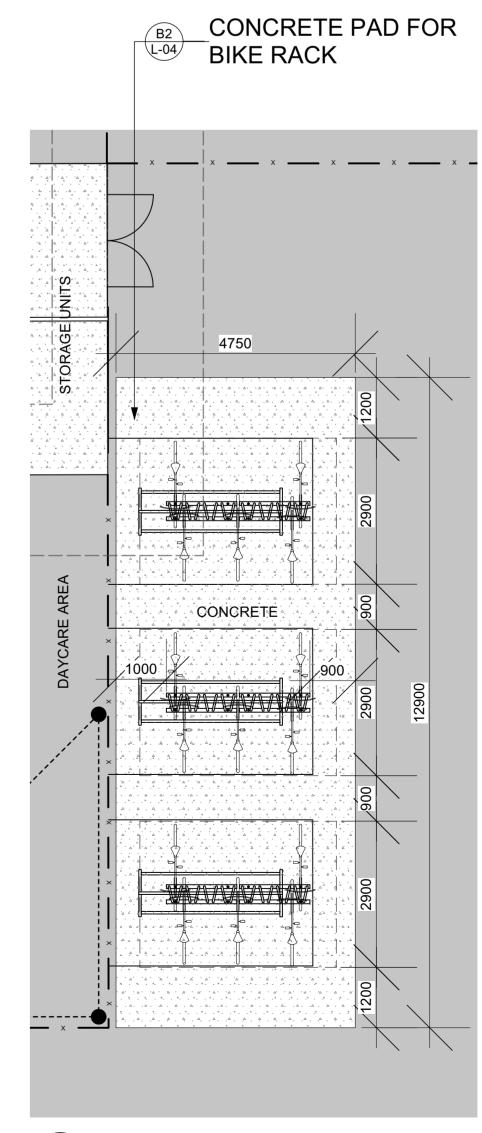




EN-1 ENLARGEMENT - BIKE RACK 1 4 BIKE RACKS - EQUIPARC EP5911-7; 30 BIKES



EN-2 ENLARGEMENT - BIKE RACK 2 L-01 Scale: NTS 6 BIKE RACKS - EQUIPARC EP5911-7; 45 BIKES



EN-3 ENLARGEMENT - BIKE RACK 3 L-01 Scale: NTS 6 BIKE RACKS - EQUIPARC EP5911-7; 45 BIKES



GENERAL NOTES

1.1 All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface conditions.

.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape Architect and Owner.

.3 All dimensions shown are to be verified on site prior to any

.4 Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction.

.5 Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits. No substitutions of plant material shall be made without prior approval of the Landscape Architect.

.6 Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.

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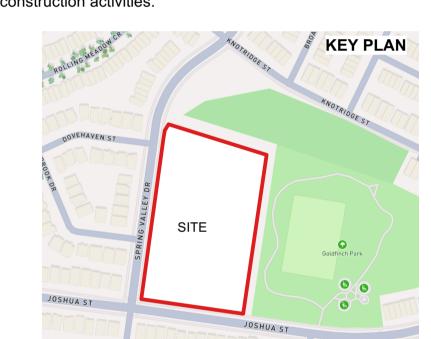
.7 All sodded areas to receive a minimum of 150mm of topsoil

prior to sod being laid.

.8 Final subgrade is to approved by the Landscape Architect

.9 Maintain positive surface runoff through the entire construction period.

.10 Reinstate all areas and items damaged as a result of construction activities.



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| 02 | Issued for Permit | 2025/02/04 |
| 01 | Issued for Coordination | 2025/01/30 |
| no. | revision | date |

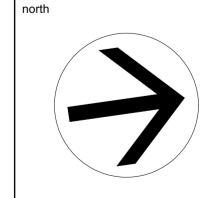
N45 ARCHITECTURE INC.

tel. 613.224.0095

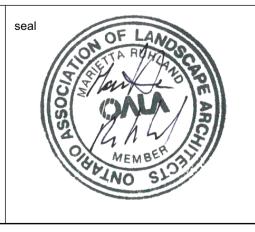
Ruhland & Associates Ltd landscape architecture • urban design • site planning

East Urban Centre Elementary School

700 Spring Valley Dr, Ottawa, ON, K1W 0H2.



N45



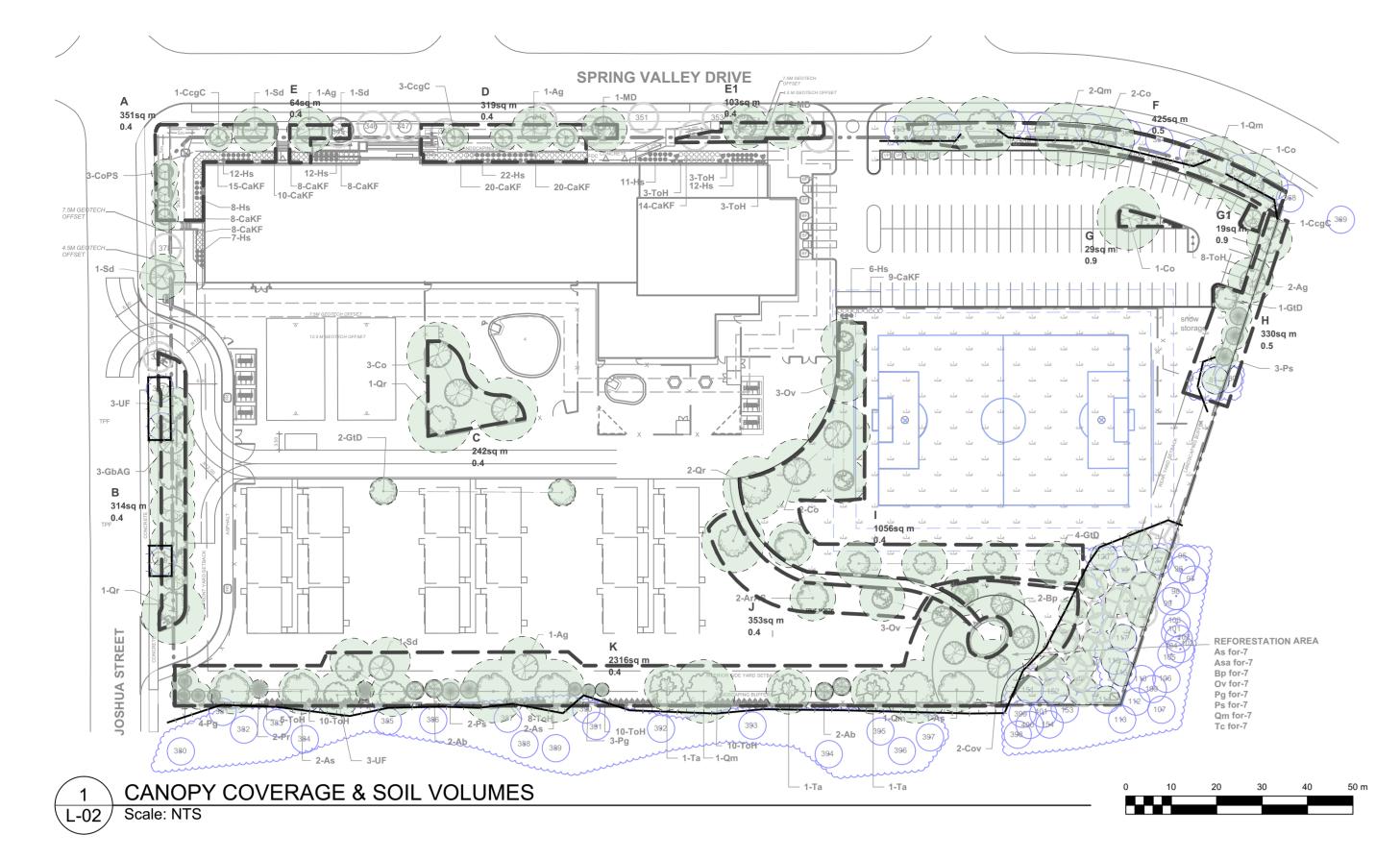
drawing title LANDSCAPE PLAN

As Shown 2025-02-25

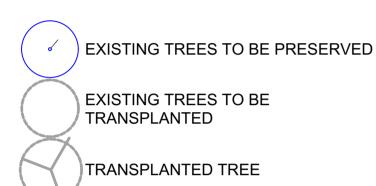
project number L-01

RA 24-1743

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES. DO NOT SCALE DRAWINGS



LEGEND



TREE CANOPY COVERAGE TOTAL CANOPY AREA 28345 TOTAL SITE AREA m2 PERCENT COVERAGE

TREE PROTECTION FENCE (TPF)

PROPOSED PLANTING

| Soil Volume Area, Tree Quantity and Size | Tree Quantity | OTTAWA Target Soil Volume (m³) | Design Soil Volume | Soil Adequacy percentage | %Soil to be supplied by contractor |
|--|---------------|--------------------------------------|-----------------------|--------------------------|------------------------------------|
| AREA A - 1 Medium, 1 Small, 3 L - Columnar Trees | | | | | SEE NOTE |
| plant bed (351 sq m x 0.4 ave metre deep) | 5 | 87.0 | 140.4 | 161% | 2 |
| AREA B - 1 Large, 6 Medium, 2 Ex. Trees | | | | | SEE NOTE |
| plant bed (314 sq m x 0.4 ave metre deep) | 8 | 144.0 | 125.6 | 87% | 2 |
| AREA C - 4 Large Trees | | | | | SEE NOTE |
| plant bed (242 sq m x 0.4 ave metre deep) | 4 | 72.0 | 96.8 | 134% | 1 |
| AREA D - 3 Small, 2 Medium Trees | | | | | SEE NOTE |
| plant bed (319 sq m x 0.4 ave metre deep) | 4 | 66.0 | 127.6 | 193% | 2 |
| AREA E - 1 Medium Tree | | | | | SEE NOTE |
| plant bed (61 sq m x 0.7 ave metre deep) | 2 | 36.0 | 42.7 | 119% | 2 |
| AREA E1 - 2 Medium Trees | | | | | SEE NOTE |
| plant bed (103 sq m x 0.4 ave metre deep) | 2 | 36.0 | 41.2 | 114% | 2 |
| AREA F - 6 Large, 3 Ex. Trees | | | | | SEE NOTE |
| plant bed (425 sq m x 0.4 ave metre deep) | 6 | 108.0 | 170.0 | 157% | 2 |
| AREA G - 1 Large Tree | | | | | SEE NOTE |
| plant bed (29.5 sq m x 1.2ave metre deep) | 1 | 30.0 | 35.4 | 118% | 1 |
| AREA G1 - 1 Small Tree | | | | | SEE NOTE |
| plant bed (19 sq m x 1.1ave metre deep) | 1 | 25.0 | 20.9 | 84% | 1 |
| AREA H - 3 Medium Trees, 3 Conifers | | | | | SEE NOTE |
| plant bed (330 sq m x 0.4ave metre deep) | 6 | 108.0 | 132.0 | 122% | 3 |
| AREA I - 3 Large, 8 Medium Trees | | | | | SEE NOTE |
| plant bed (1056 sq m x 0.4ave metre deep) | 11 | 198.0 | 422.4 | 213% | 4 |
| AREA J - 1 Large, 2 Medium Trees | | | | | SEE NOTE |
| plant bed (353 sq m x 0.4ave metre deep) | 3 | 54.0 | 141.2 | 261% | 4 |
| AREA K - 8 Large, 13 Medium Trees, 13 Con. | | | | | SEE NOTE |
| plant bed (2316 sq m x 0.4ave metre deep) | 28 | 504.0 | 926.4 | 184% | 4 |

* Smaller columnar trees, small ornamental trees with growth to 8-15cm DBH, large shrubs, and columnar conifers

calculated using 'How much soil to grow a big tree' by DeepRoot as a guide

| Reforestation Trees | | | | | | |
|---------------------|---|--------------------|----------------------|------------|-----------|--|
| As for | 7 | Acer saccharum | Sugar Maple | 150 cm ht. | Bare root | |
| Asa for | 7 | Acer rubrum | Red Maple | 150 cm ht. | Bare root | |
| Bp for | 7 | Betulus papyrifera | White Birch | 150 cm ht. | Bare root | |
| Ov for | 7 | Ostrya virginiana | American Hophornbeam | 150 cm ht. | Bare root | |
| Pg for | 7 | Picea glauca | White Spruce | 75 cm ht. | Potted | |
| Ps for | 7 | Pinus strobus | White Pine | 50 cm ht. | Potted | |
| Qm for | 7 | Quercus macrocarpa | Bur Oak | 150 cm ht. | Bare root | |
| Tc for | 7 | Tsuga canadensis | Canadian Hemlock | 75 cm ht. | Potted | |

REFORESTATION PLANTING & DETAIL Scale: NTS

PLANTING MEDIUM REQUIREMENTS FOR TREE PLANTING

.1 WHERE SOIL VOLUMES ARE WITHIN EXCAVATED DEVELOPMENT AREA:

PROVIDE 100% PLANTING MEDIUM TO DEPTHS INDICATED IN SOIL VOLUME CHART. WHERE SUBSOIL BELOW THE INDICATED DEPTH OF PLANTING MEDIUM IS NOT CONDUCIVE TO PLANT GROWTH, REPLACE WITH APPROVED SUBSOIL TO A FURTHER DEPTH OF 300mm.

.2 WHERE SOIL VOLUMES INCLUDE SOIL VOLUMES IN R.O.W. AT PROPERTY LINE R.O.W. AND WITHIN SUBJECT PROPERTY:

ASSUME ALL SOIL VOLUME REQUIREMENTS ARE MET WITHIN THE R.O.W. AREA. REINSTATE ANY DISTURBED AREAS IN R.O.W. OUTSIDE THE 2m RADIUS TREE PITS WITH 100-150mm TOPSOIL AND PLACE PLANTING MEDIUM (TO DEPTH INDICATED ON SOIL VOLUME CHART) AT ALL DISTURBED

AREAS WHERE EXISTING SOILS ARE REMOVED, OR WHERE EXISTING SOILS ARE NOT CONDUCIVE TO PLANT GROWTH. ADDITIONAL PLANTING MEDIUM IS NOT REQUIRED WHERE EXISTING SOIL IS PRESENT IN OR ADJACENT TO THE R.O.W. THIS DOES NOT INCLUDE TOPSOIL REQUIRED FOR SODDING.

WHERE SUBSOIL BELOW THE INDICATED DEPTH OF PLANTING MEDIUM IS NOT CONDUCIVE TO

BASE CONTRACT TO ASSUME SUBSOIL IS CONDUCIVE TO PLANT GROWTH.

WHERE SOIL VOLUMES INCLUDE SOIL VOLUMES ON ADJACENT PROPERTY AT

PLANT GROWTH, REPLACE WITH APPROVED SUBSOIL TO A FURTHER DEPTH OF 300mm.

ADJACENT PROPERTY AND WITHIN SUBJECT PROPERTY: ASSUME ALL SOIL VOLUME REQUIREMENTS ARE MET WITHIN THE ADJACENT PROPERTY AREA. REINSTATE ANY DISTURBED AREAS ON ADJACENT PROPERTY OUTSIDE THE 2m RADIUS TREE

PITS WITH 100-150mm TOPSOIL AND SOD. PLACE PLANTING MEDIUM (TO DEPTH INDICATED ON SOIL VOLUME CHART) AT ALL DISTURBED AREAS WHERE EXISTING SOILS ARE REMOVED, OR WHERE EXISTING SOILS ARE NOT CONDUCIVE

ADDITIONAL PLANTING MEDIUM IS NOT REQUIRED WHERE EXISTING SOIL IS PRESENT IN OR ADJACENT TO THE ADJACENT PROPERTY. THIS DOES NOT INCLUDE TOPSOIL REQUIRED FOR

WHERE SUBSOIL BELOW THE INDICATED DEPTH OF PLANTING MEDIUM IS NOT CONDUCIVE TO PLANT GROWTH, REPLACE WITH APPROVED SUBSOIL TO A FURTHER DEPTH OF 300mm.

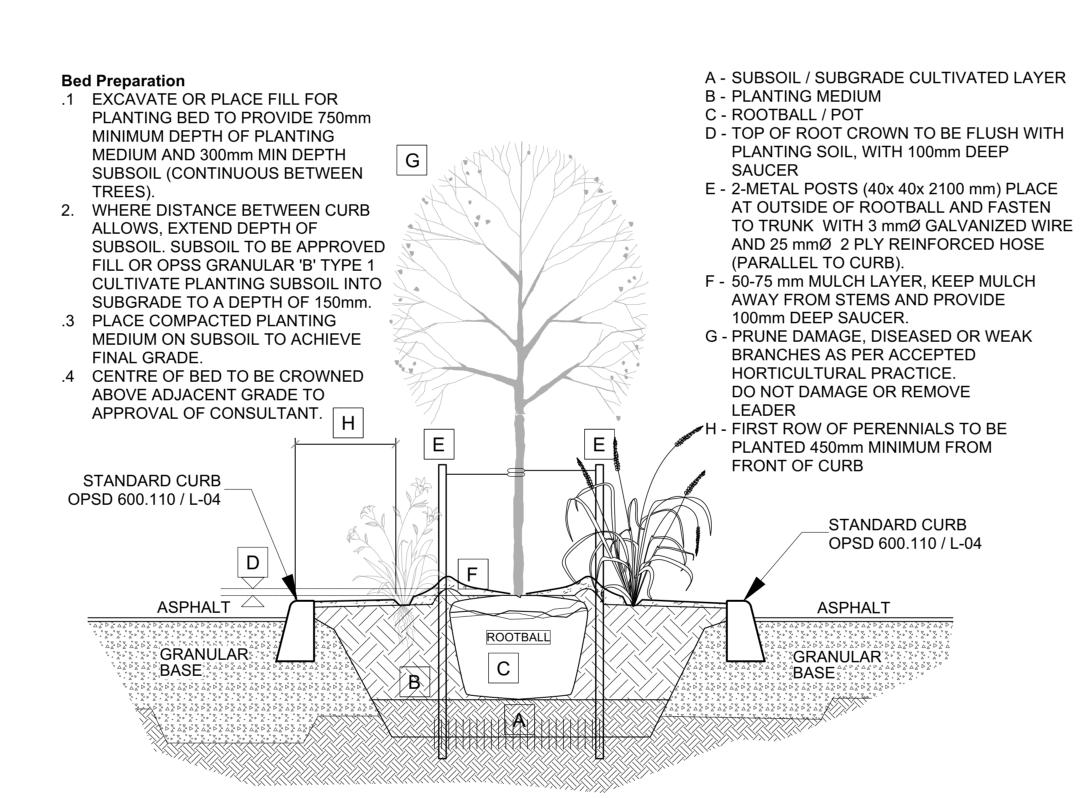
.4 AREAS NEAR SOCCER FIELD AND OUTDOOR CLASSROOM

BASE CONTRACT TO ASSUME SUBSOIL IS CONDUCIVE TO PLANT GROWTH.

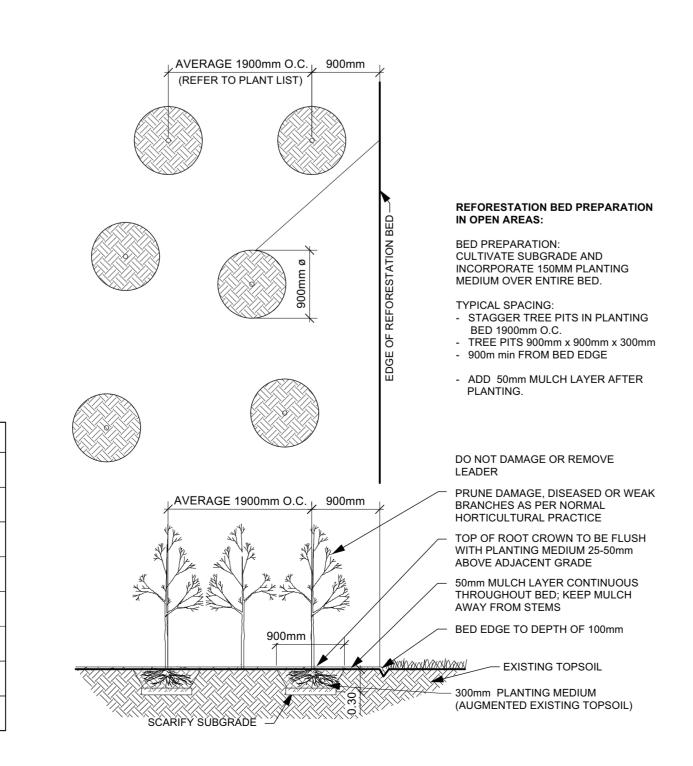
ASSUME ALL SOIL VOLUME REQUIREMENTS ARE MET, REINSTATE ANY DISTURBED AREAS ON ADJACENT PROPERTY OUTSIDE THE 2m RADIUS TREE PITS WITH 100-150mm TOPSOIL AND SOD. ADDITIONAL PLANTING MEDIUM IS NOT REQUIRED WHERE EXISTING SOIL IS PRESENT IN OR ADJACENT TO THE ADJACENT PROPERTY. THIS DOES NOT INCLUDE TOPSOIL REQUIRED FOR

WHERE SUBSOIL BELOW THE INDICATED DEPTH OF PLANTING MEDIUM IS NOT CONDUCIVE TO PLANT GROWTH, REPLACE WITH APPROVED SUBSOIL TO A FURTHER DEPTH OF 300mm.

BASE CONTRACT TO ASSUME SUBSOIL IS CONDUCIVE TO PLANT GROWTH.



TREE & PERENNIAL PLANTING IN CURBED PLANTER



A 450mm COMPACTED PLANTING MEDIUM, DEEPEN AT TREES

B ROOTBALL, TOP OF ROOT CROWN TO BE FLUSH WITH PLANTING SOIL AND 50mm ABOVE SOIL OUTSIDE PLANTING PIT / POT.

C 350mm PLANTING MEDIUM / SUBSOIL CULTIVATED LAYER. CULTIVATE AT TREE PIT BOTTOM. SEE NOTE BELOW.

D EDGE TO DEPTH OF 100mm.

E 50-75 mm MULCH LAYER, KEEP MULCH AWAY FROM STEMS.

F PRUNE DAMAGE, DISEASED OR WEAK BRANCHES AS PER ACCEPTED HORTICULTURAL PRACTICE, DO NOT DAMAGE OR REMOVE LEADER.

BED PREPARATION

.1 EXCAVATE OR PLACE FILL FOR PLANTING BED TO PROVIDE 450mm MINIMUM DEPTH OF PLANTING MEDIUM. PLANTING BED TO BE DEEPENED AT TREE LOCATIONS. IF BASE OF PIT IS OVER EXCAVATED, RAISE BOTTOM TO PROPER LEVEL WITH COMPACTED PLANTING

- .2 PLACE 150mm PLANTING MEDIUM ON SUBGRADE AND CULTIVATE INTO TOP 200mm OF SUBSOIL. SEE NOTE BELOW. .3 PLACE REMAINDER OF PLANTING MEDIUM OVER CULTIVATED PORTION
- TO ACHIEVE FINAL GRADE. .4 CENTRE OF BED TO BE CROWNED ABOVE ADJACENT GRADE TO
- APPROVAL OF CONSULTANT. .5 ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING WALLS WHERE APPLICABLE.
- .1 CUT AND REMOVE TOP 2/3 OF BURLAP AND WIRE BASKET FROM ROOTBALL.

H PROVIDE 150 mm DEEP SAUCER AT TREES

WATER THOROUGHLY SUBSEQUENT TO PLANTING AND THROUGHUT THE WARRANTY PERIOD. .4 WRAP TREE TRUNK AFTER INSPECTION OF TREES BY LANDSCAPE

G FIRST ROW OF PERENNIALS TO BE PLANTED 600mm FROM EDGE OF BED/CURB FIRST ROW OF SHRUBS TO BE PLANTED 900mm FROM EDGE OF BED/CURB

.5 INSTALL RODENT GUARD AND PROTECT TREE FROM RODENT DAMAGE. .6 REMOVE TREE RINGS, STAKES AND TRUNK WRAPPING AFTER WARRANTY

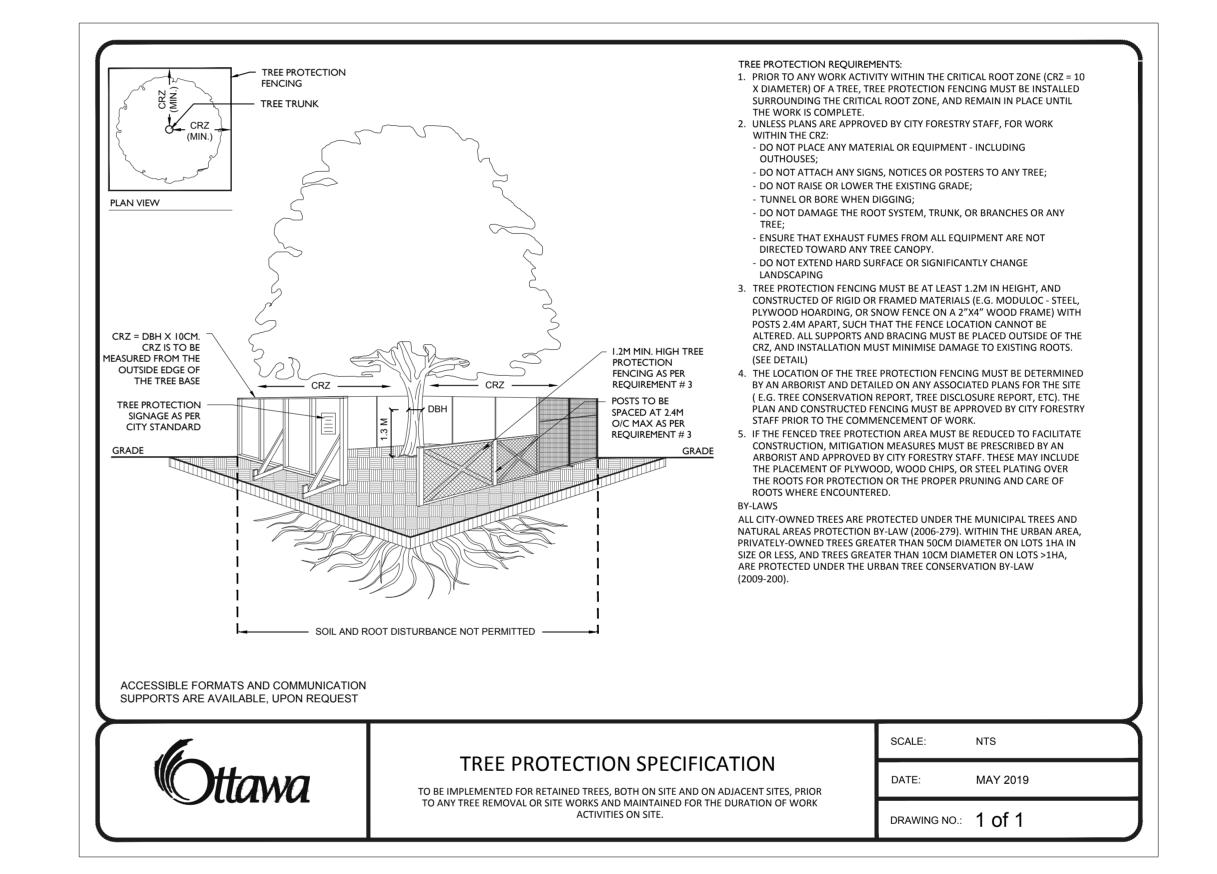
PLACE 1-METAL POST (40 x 40 x 2100 mm) AT OUTSIDE OF ROOTBALL ON

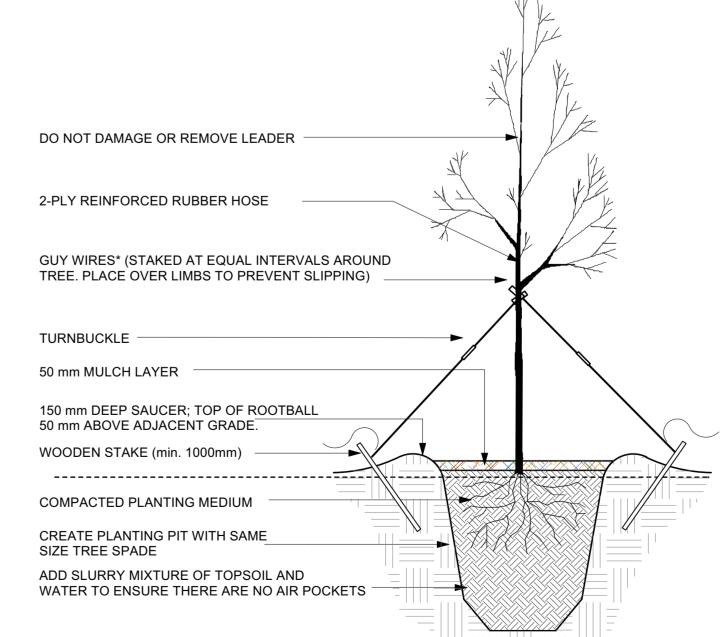
THE PREVAILING WIND SIDE AND FASTEN TO TRUNK WITH APPROVED

ENSURE THAT ALL TREES MEET THEIR REQUIRED SETBACKS WHEN PLANTED AS PER CITY'S TREE PLANTING GUIDELINE (2006). DECIDUOUS SPECIES SHALL BE A MINIMUM 1.5 METERS AND CONIFEROUS SPECIES SHALL BE A MINIMUM OF 4.5 METER FROM ROADWAY, DRIVEWAY, SIDEWALK.

PLANTING DETAIL L-02 / Scale: NTS

NOTES: - PLANTING BED AREAS EXCAVATED TO 500mm BELOW FINAL GRADE FOR ROUGH GRADE. REFER TO PLANT LIST FOR PLANT SPACING.





TWISTED TOGETHER.

1. FERTILIZE TREES AFTER PLANTING WATER THOROUGHLY SUBSEQUENT TO PLANTING.

3. WRAP TREE TRUNK FOR PROTECTION FROM CLIMATIC CONDITIONS. 4. PROTECT TREE FROM RODENT DAMAGE. 5. REMOVE TREE RING AND STAKE(S) AFTER ONE YEAR

* FOR TREES UP TO 150mmø: PROVIDE 3 GUY WIRES OF 3mmø, FOR TREES OVER 150mmø PROVIDE 3 GUY WIRES CONSISTING EACH OF 3 WIRES OF 4mmø

TREE TRANSPLANTING DETAIL



GENERAL NOTES

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.4 Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction.

|.5 Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits. No substitutions of plant material shall be made without prior approval of the Landscape Architect.

.6 Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.

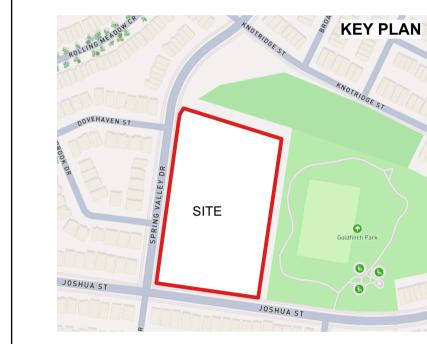
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All sodded areas to receive a minimum of 150mm of topsoil

1.8 Final subgrade is to approved by the Landscape Architect prior to sod being laid.

.9 Maintain positive surface runoff through the entire construction period.

.10 Reinstate all areas and items damaged as a result of construction activities.



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| no. | revision | date |
| | | |

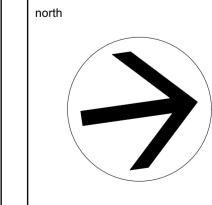
N45 ARCHITECTURE INC

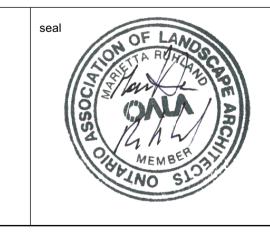
71 Bank Street, 7th Floor - Ottawa, Ontario, K1P 5N2 tel. 613.224.0095 fax 613.224.9811

Ruhland & Associates Ltd landscape architecture • urban design • site planning

Ph 613-224-4744 Fx 613-224-1131

East Urban Centre Elementary School 700 Spring Valley Dr, Ottawa, ON, K1W 0H2.





drawing title LANDSCAPE SOIL **VOLUMES / DETAILS**

As Shown 2025-02-25

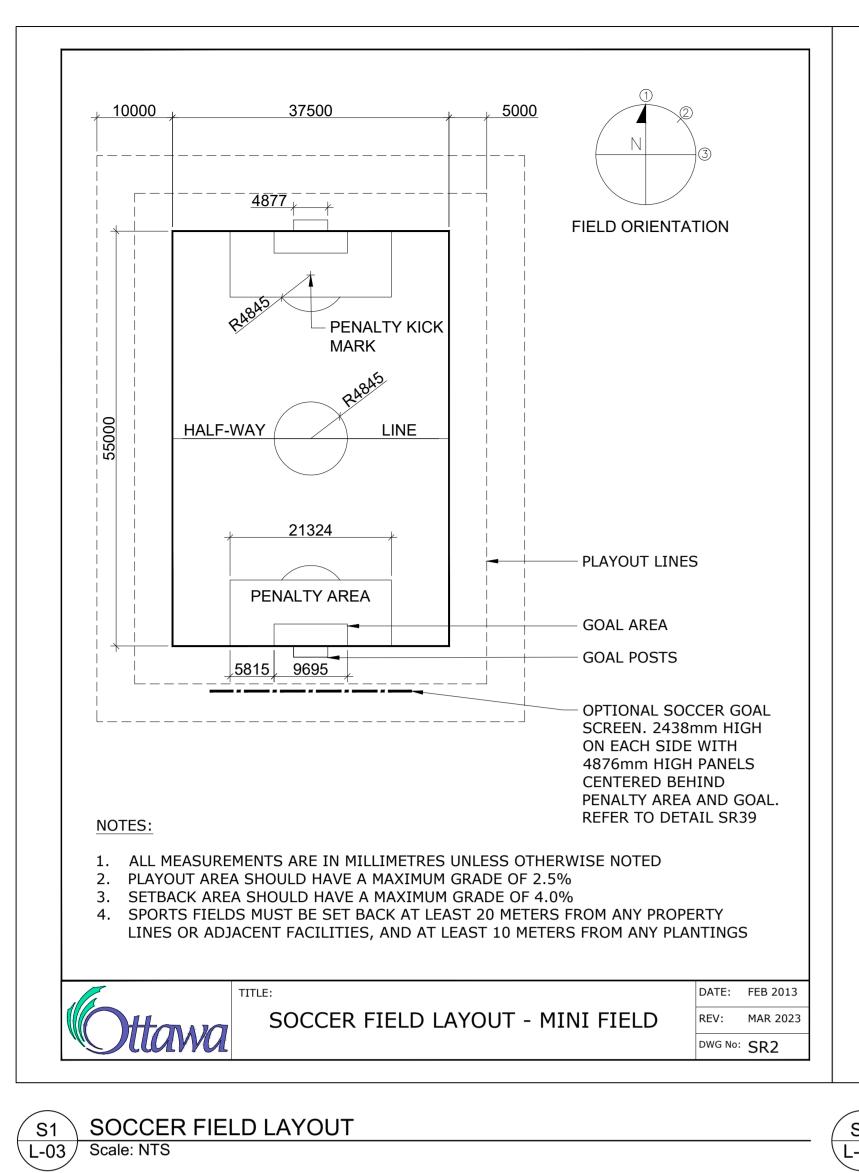
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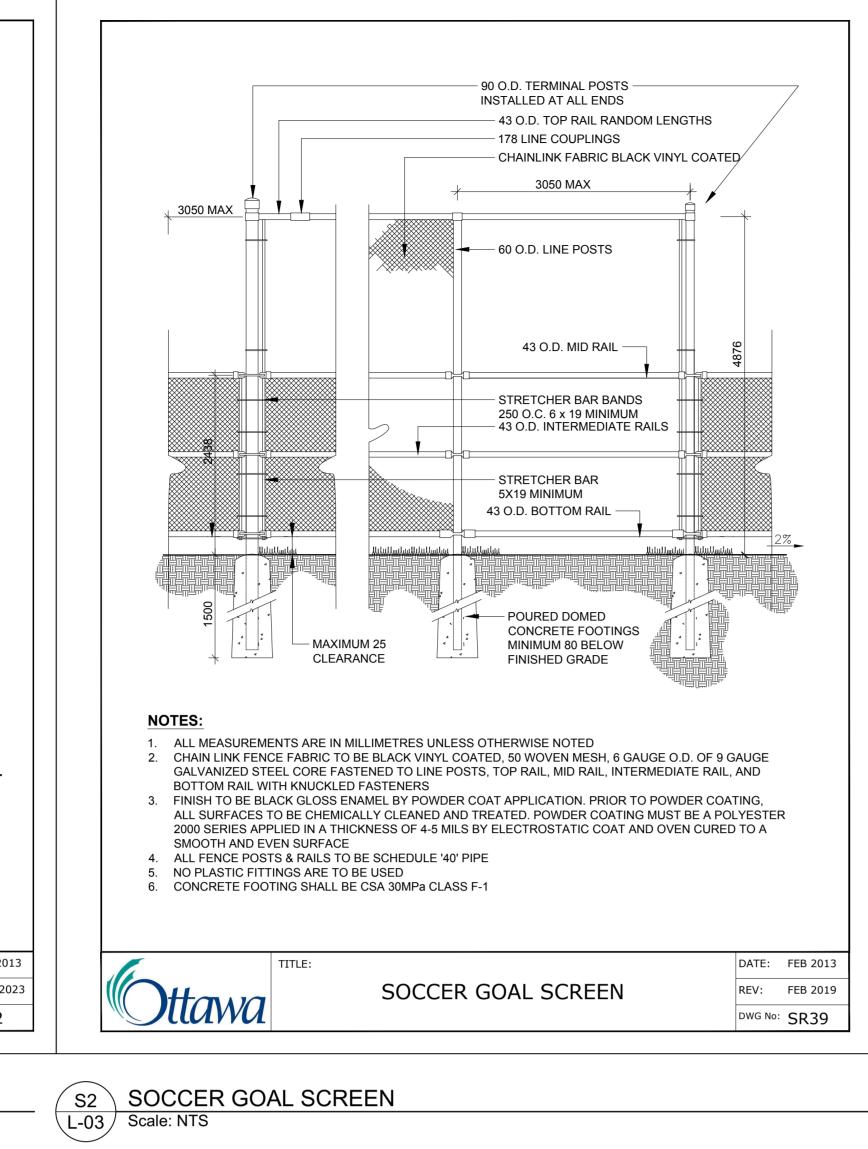
RA 24-1743

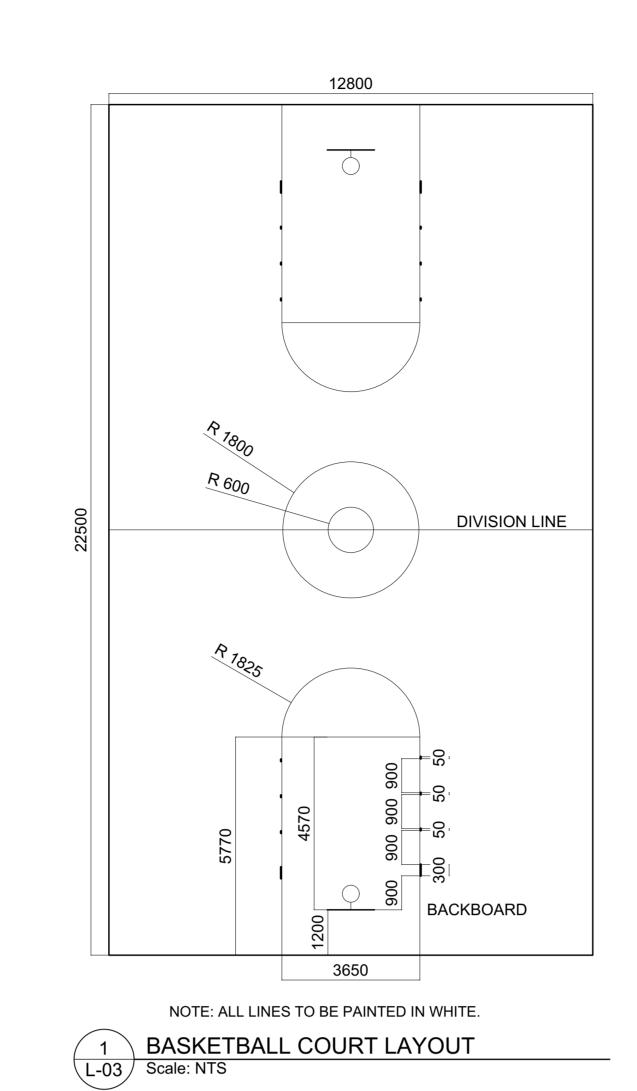
CONTRACTOR TO VERIFY ALL DIMENSIONS AND revision NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.

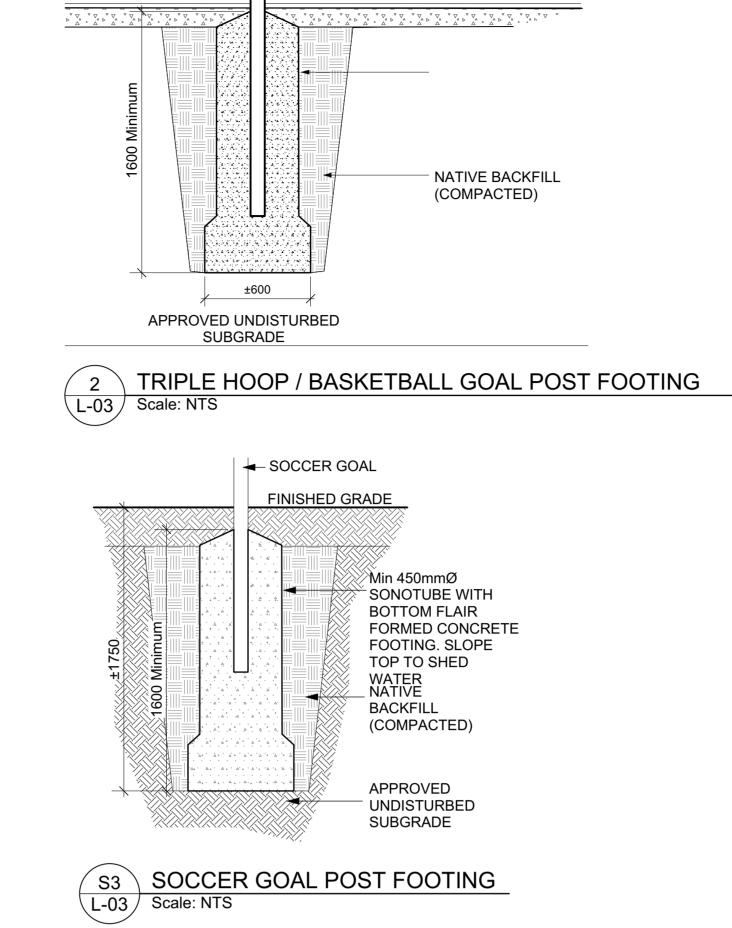
DO NOT SCALE DRAWINGS

19255







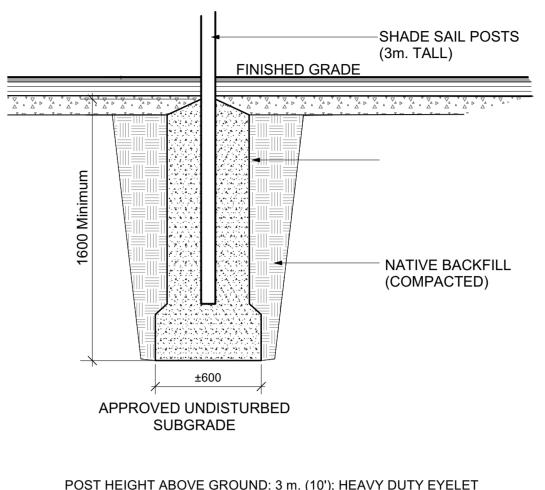


FINISHED GRADE

BASKETBALL GOAL

SPECIFICATIONS)

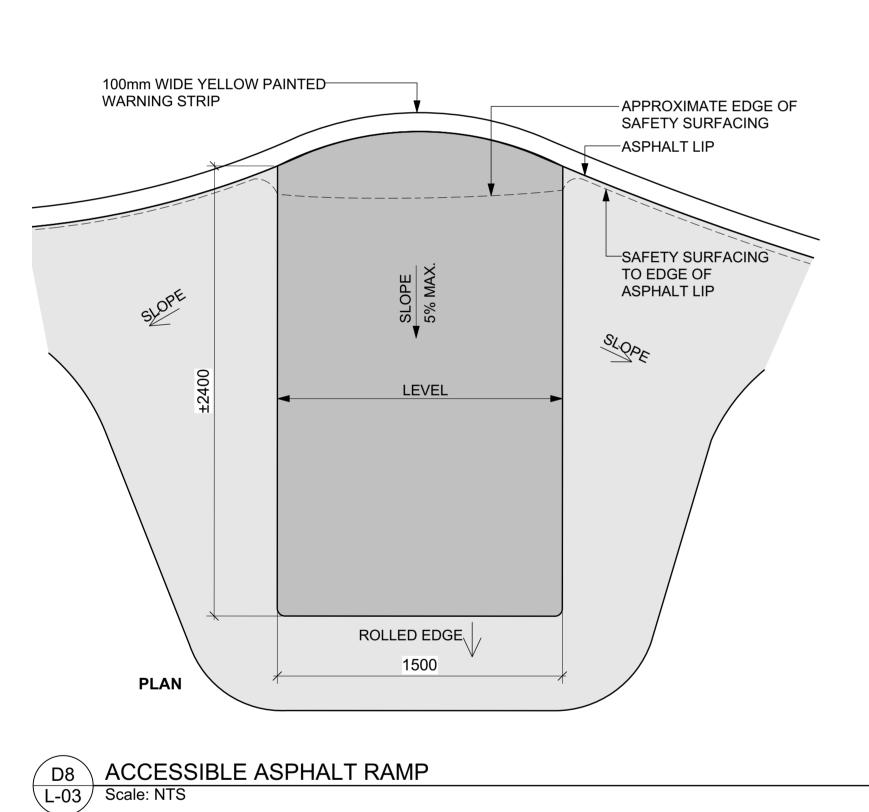
(REFER TO



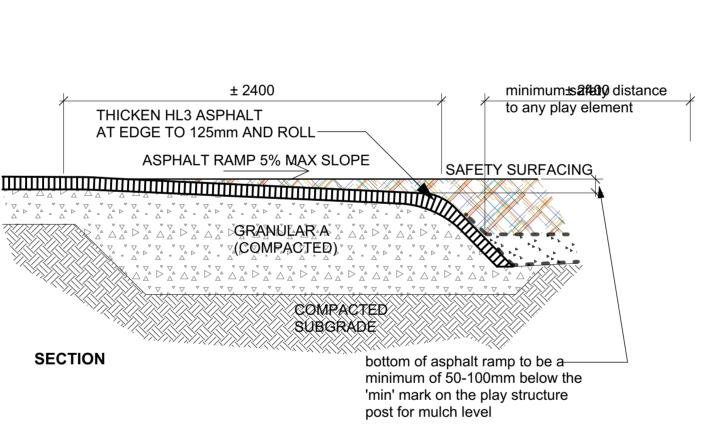
POST HEIGHT ABOVE GROUND: 3 m. (10'); HEAVY DUTY EYELET WELDED TO THE TOP OF THE POSTS FOR FUTURE SHADE SAIL. CONTRACTOR TO PROVIDE SHOP DRAWINGS / PRODUCT DATA SHEET OF THE EYELET FOR SHADE SAIL. SHADE SAIL IS NOT PART OF THE

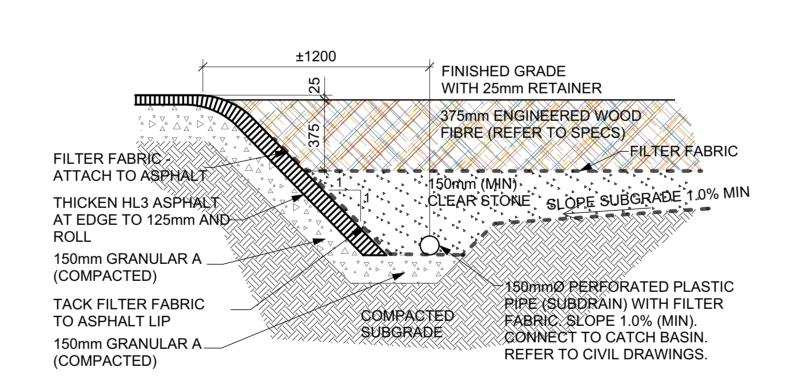
L-03 Scale: NTS

THIS DETAIL IS FOR DESIGN INTENT ONLY; CONTRACTOR TO SUBMIT COMPLETE SHOP DRAWINGS REVIEWED AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.



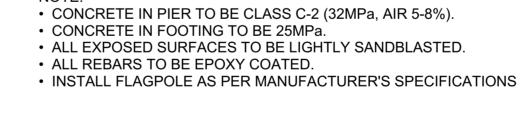
D5 CHAINLINK FENCE
L-03 Scale: NTS





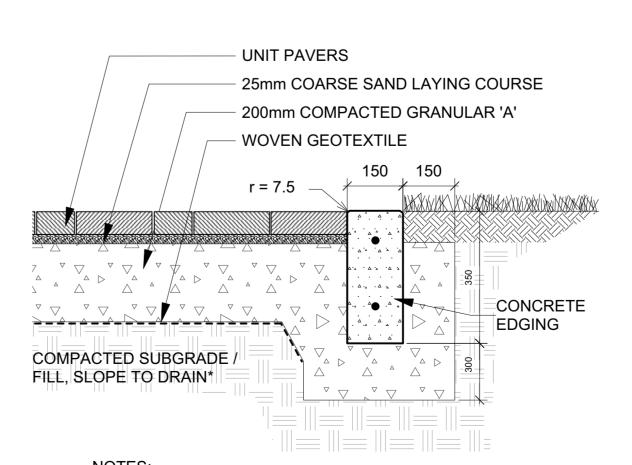
D9 ASPHALT ROLLED EDGE

L-03 Scale: NTS



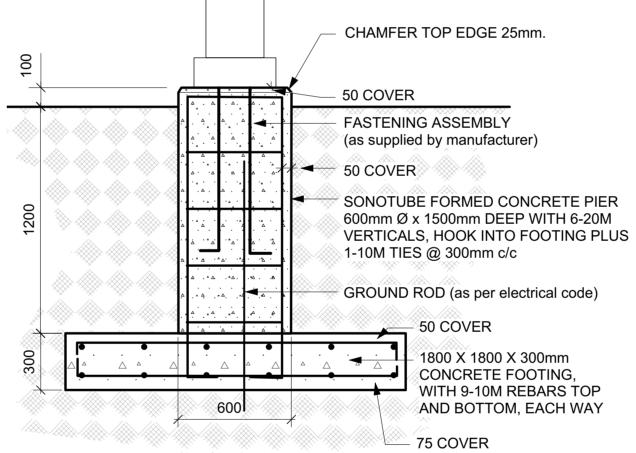
L-03 Scale: NTS

THIS DETAIL IS FOR DESIGN INTENT ONLY; CONTRACTOR TO SUBMIT COMPLETE SHOP DRAWINGS REVIEWED AND STAMPED BY A



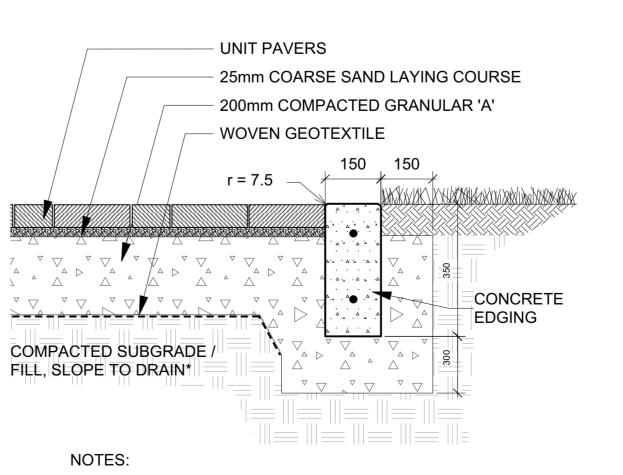
EXPANSION JOINT SPACING MAX. 4.0m x 10mm WIDE, FILLED WITH APPROVED NON-EXTRUDING PRE-MOULDED FIBRE BOARD. 2-15M REBARS DOWELS AT EXPANSION JOINTS. * GEOTECHNICAL CONSULTANT TO APPROVE SUBBASE / FILL MATERIAL

D2 PRECAST UNIT PAVERS L-03 Scale: NTS

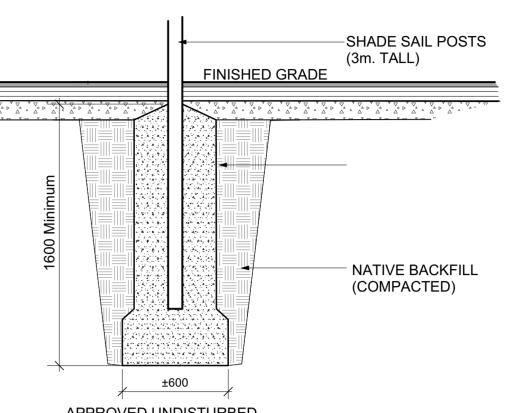


FLAGPOLE BASE

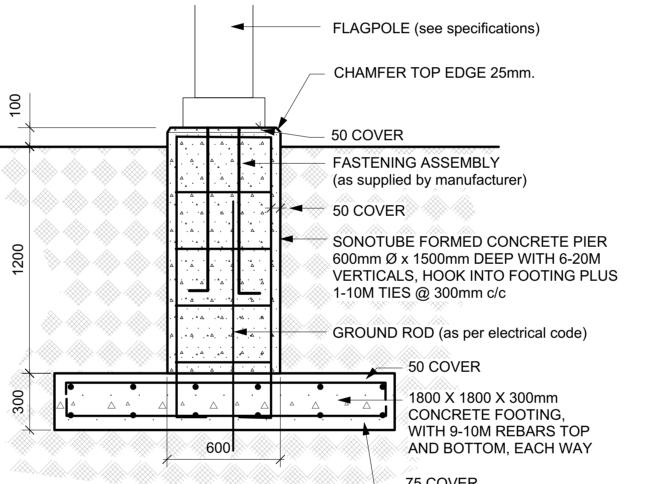
PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.

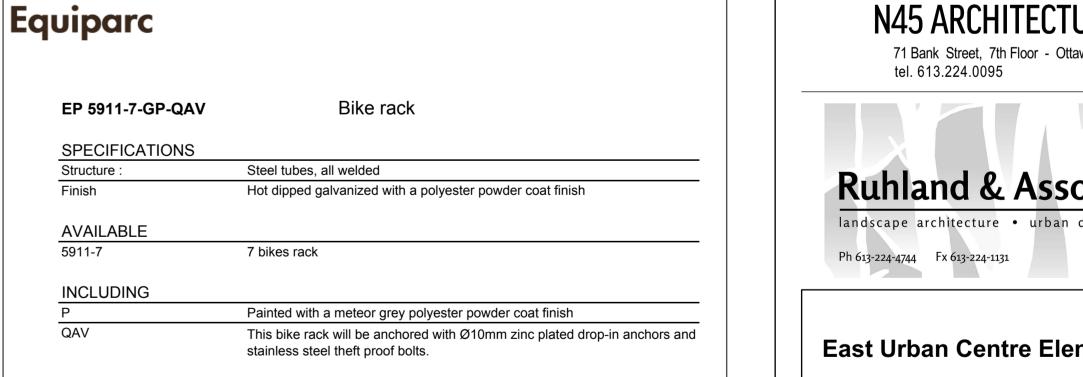


D4 BIKE RACK - EQUIPARC EP 5911 L-03 Scale: NTS



SHADE SAIL POST FOOTING





Weight: 32kg

1001, rue James-Brodie

Saint-Jean-sur-Richelieu, QC Canada J2X 0C1

Length: 1397mm

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info@equiparc.com

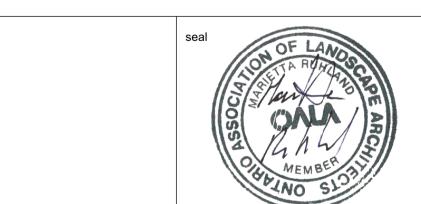
Manufacturier d'Equipement de Parcs

T: 1 800 363.9264

F: 1 866 346.2538

Depth: 381mm

East Urban Centre Elementary School 700 Spring Valley Dr, Ottawa, ON, K1W 0H2.



drawing title LANDSCAPE DETAILS

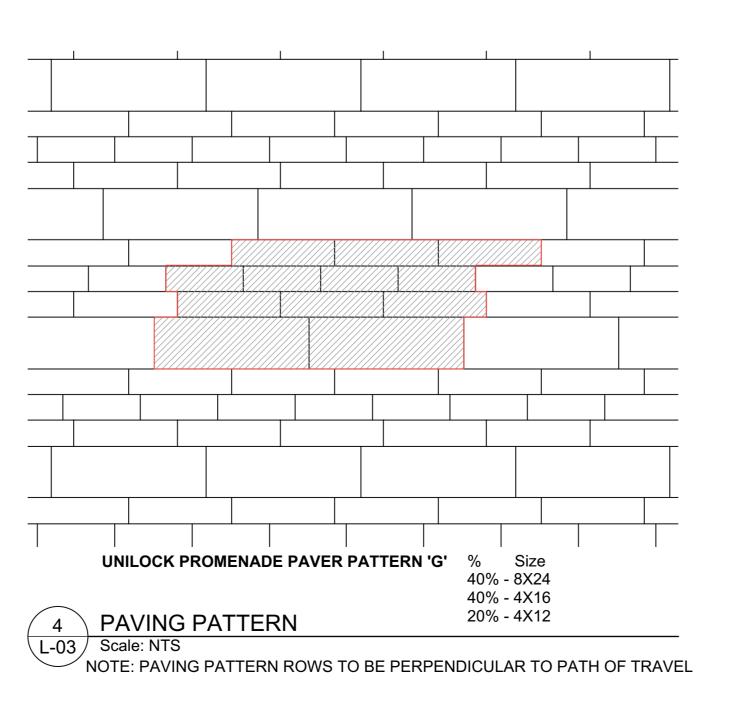
As Shown 2025-02-25 project number drawing number N45

L-03 RA 24-1743

CONTRACTOR TO VERIFY ALL DIMENSIONS AND revision NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.

DO NOT SCALE DRAWINGS

STANDARD FENCE PANEL MIDRAIL / CROSSBRACE AT CORNERS AND END 3000 o.c. typ. SECTIONS BLACK VINYL COATED CHAINLINK FENCE **BOTTOM RAIL-**EXTEND ASPHALT 300mm min. FROM FENCE TOPSOIL AND SOD_ OR PLANTING FINISHED GRADE **FOOTINGS** - ASPHALT PAVEMENT (REFER TO SPECS) AND BASE





OTTAWA - CARLETON

DISTRICT SCHOOL BOARD

1.1 All general site information and conditions compiled from

existing plans, surveys and consultant's field notes. Report all

1.2 The location of the utilities is approximate only, and the

exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall

1.3 All dimensions shown are to be verified on site prior to any

construction. No deviations are to be made from the layouts as

shown on this plan without prior consultation with the Landscape

.4 Obtain approval of Landscape Architect for granular base

.5 Stake planting locations and receive approval of Landscape

Architect, prior to excavation of any planting pits. No substitutions

.7 All sodded areas to receive a minimum of 150mm of topsoil

over graded sub-base. If sod with mesh is used, mesh to be

from an approved source and shall be laid within 24 hours of

being cut in the nursery. Only nursery sod shall be used.

.9 Maintain positive surface runoff through the entire

SITE

.10 Reinstate all areas and items damaged as a result of

KEY PLAN

2025/04/14

2025/02/04

2025/01/30

removed completely during sodding operations. Sod shall come

l.8 Final subgrade is to approved by the Landscape Architect

of plant material shall be made without prior approval of the

1.6 Where clay is encountered proper drainage must be

ensured in tree/shrub pits, prior to planting. Have method

and layout of all pavement areas prior to construction.

prove the location of utilities and shall be responsible for adequate

Consultant for unknown subsurface conditions.

discrepancies prior to any work. No responsibility is born by the

GENERAL NOTES

protection from damage.

Architect and Owner.

Landscape Architect.

prior to sod being laid.

construction period.

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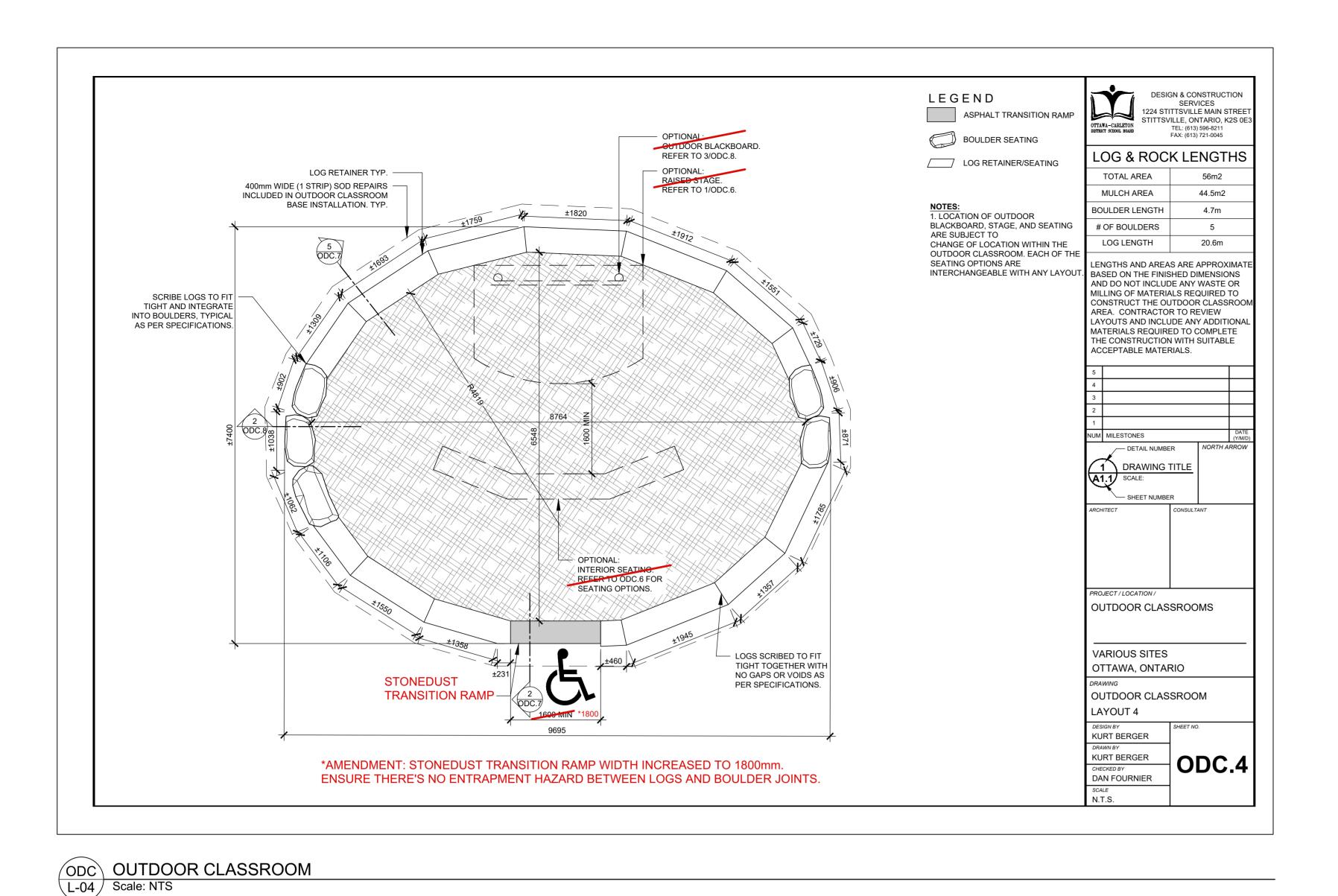
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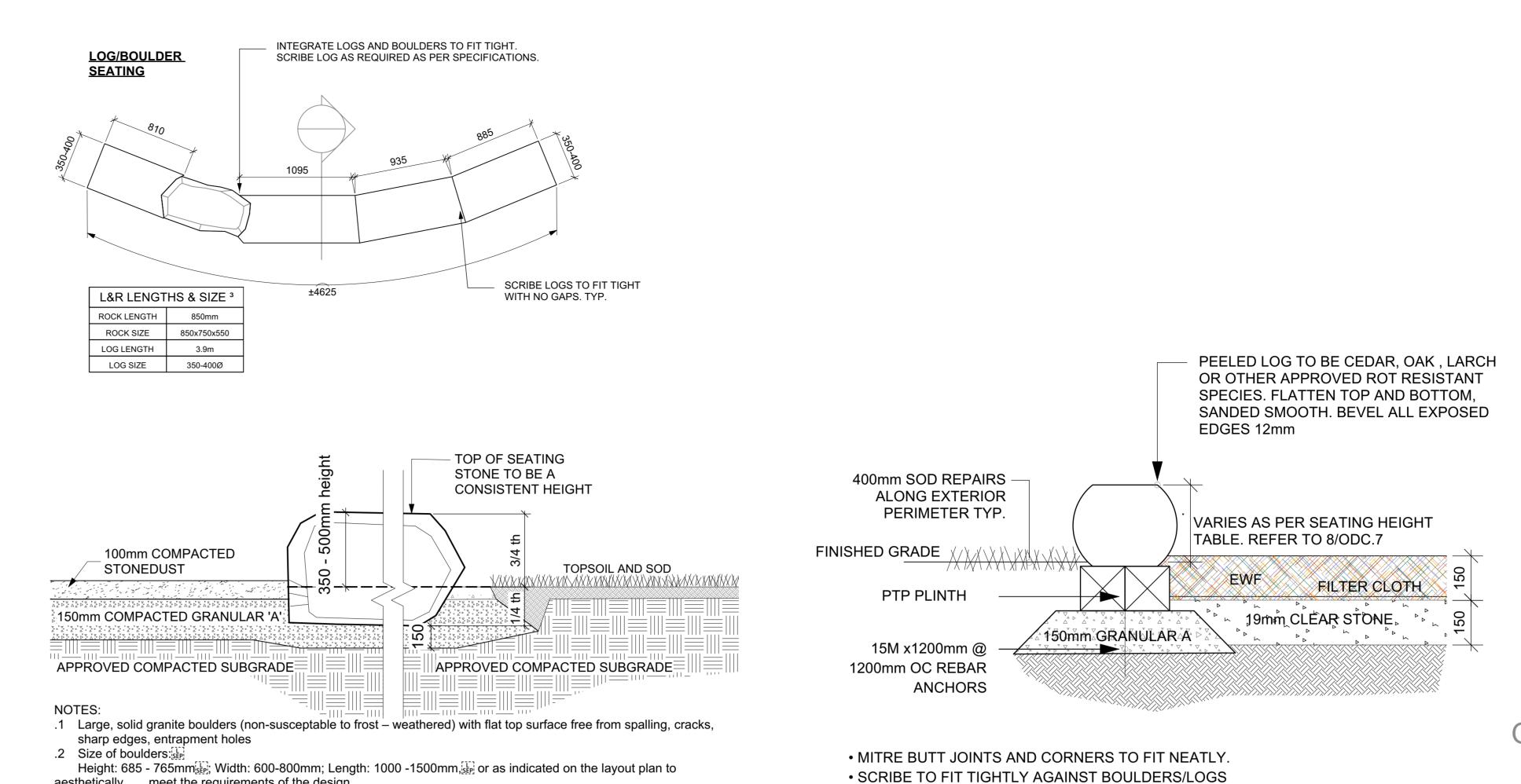
Reissued for SPC

Issued for Permit

Issued for Coordination

approved by Landscape Architect.

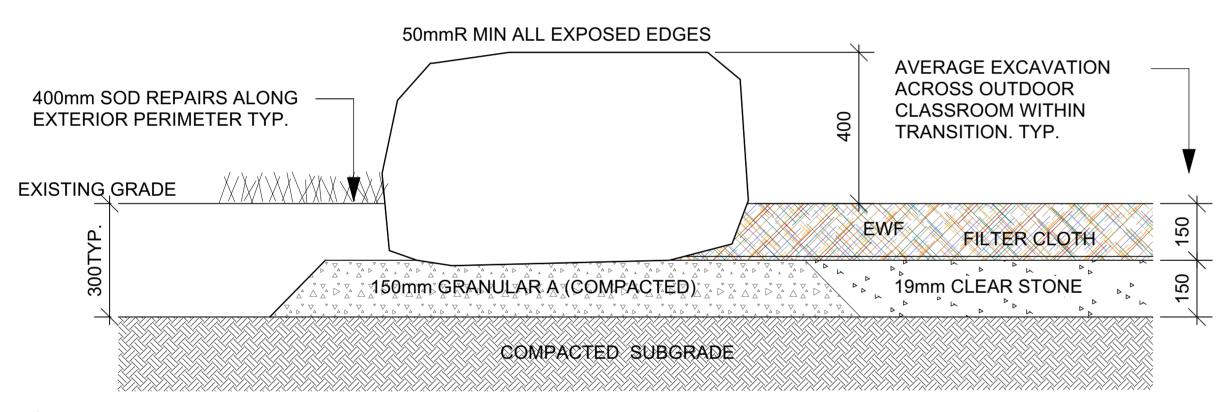




ODC.7 LOG RETAINER
L-04 Scale: NTS

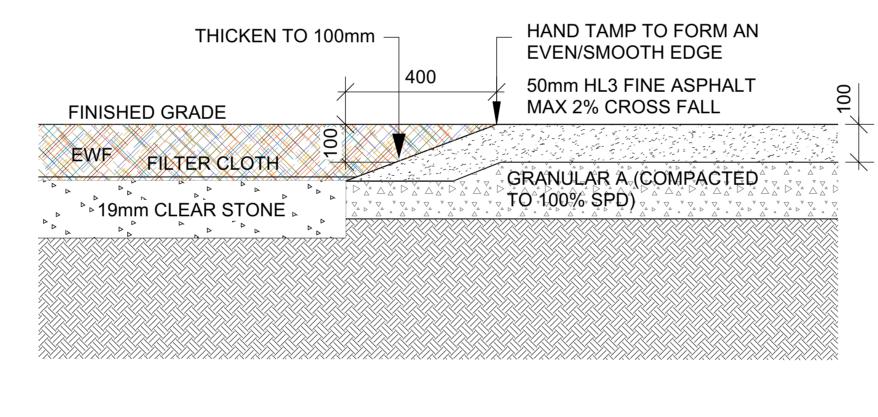
• IF GAPS REMAIN FILL WITH APPROX 2-3 1/4" TAPCONS BURIED 1 1/2" DEEP INTO ROCK

FACE, THEN FILLED WITH NONE SHRINK GROUT COLOUR TO MATCH.



- MIN 500 600 x 600 850mm FLAT TOP GRANITE FIELD BOULDERS. NO SPALLNG, SHARP EDGES OR CRACKS IF PLACED SIDE BY SIDE, CHIP/SAW OR FLATTEN FACE TO FIT TIGHTLY TOGETHER AND AVOID GAPS
- IF GAPS REMAIN FILL WITH APPROX 2-3 1/4" TAPCONS BURIED 1 1/2" DEEP INTO ROCK FACE, THEN FILLED WITH NONE SHRINK GROUT COLOUR TO MATCH.





aesthetically meet the requirements of the design.

.4 Boulders to be set below grade by minimum of 150mm on stable grade.

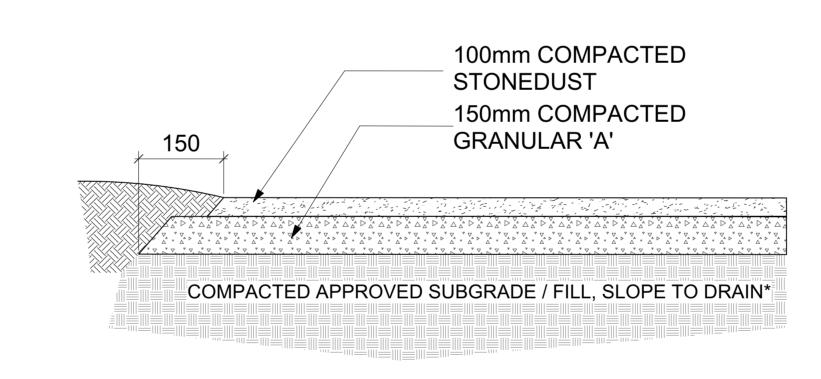
1 SEATING BOULDER / STONEDUST PATH
L-04 Scale: NTS

.3 QTY: 15-21 stones. Additional boulders may be required to accomplish the desired concept, as per plan.

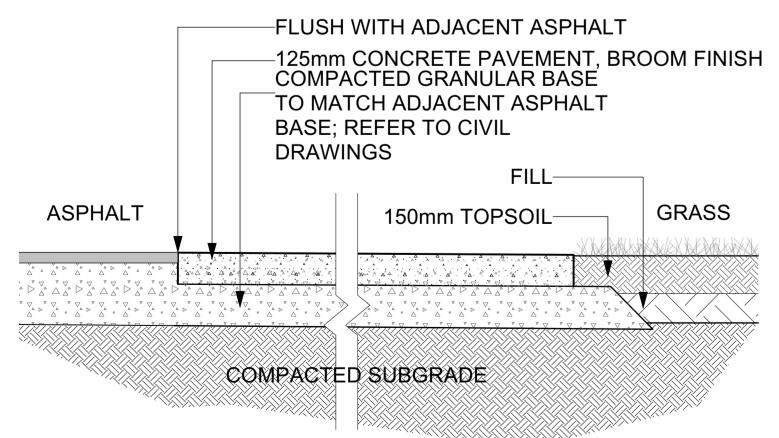
.5 Top of boulder to be flat and level with the recommended sitting heights as follows, to be approved by the OCDSB's

Project Manager on site: [ske] JK/SK: 250-300mm (10-12")[ske]; Primary: 300-375mm (12-15 ")[ske]; Junior: 375-500mm (

STONEDUST MINI RAMP



3 STONEDUST PATHWAY L-04 Scale: NTS

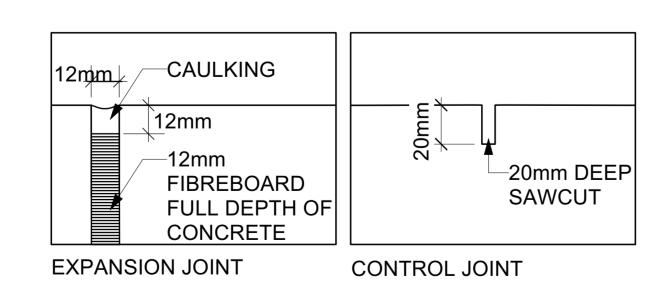


CONCRETE:

L-04 Scale: NTS

- CONCRETE TO BE CLASS C-2 (32MPa, AIR 5-8%, TYPE 10 CEMENT) SLUMP 80mm WITH A TOLERANCE OF ±30mm).
- AGGREGATE SIZE 20mm. PROVIDE SHOP DRAWINGS CONFIRMING THE LOCATIONS OF CONTROL JOINTS, ANY REQUIRED EXPANSION JOINTS.

CONCRETE PAD FOR BIKE RACK



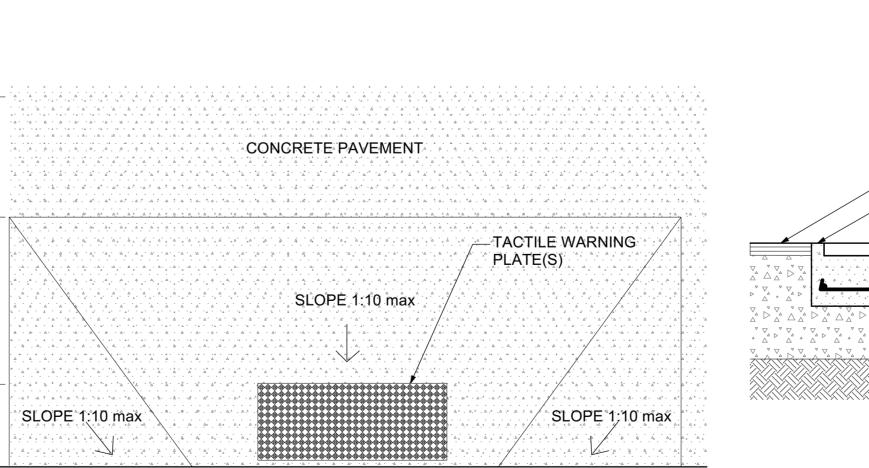
- SAWCUT CONTROL JOINTS AND EXPANSION JOINTS AS DETAILED.
- ONLY TOOL EDGES AT OUTSIDE EDGES OF PAD. EXPANSION JOINTS TO BE SPACED AT 6m oc. max.
- CONTROL JOINTS TO BE SPACED AT 1.5m o.c. max.

PLAN

D4 TACTILE WALKING SURFACE INDICATOR (TWSI) L-04 Scale: NTS

±3000 or 1500mm

DEPRESSED CURB



15M EPOXY COATED REBAR @ 350mm O.C. 200mm COMPACTED GRANULAR 'A' COMPACTED APPROVED SUBGRADE **SECTION - CONCRETE PAD**

.a.,a.,a.,a.,a.,a.

PAVEMENT

DRAWINGS

SEE SPECS

- 200mm REINFORCED

CONCRETE SLAB

@ 300mm O.C.

CONCRETE FINISH TO BE

APPROVED THROUGH SHOP

TACTILE WARNING PLATE -

15M EPOXY COATED REBAR

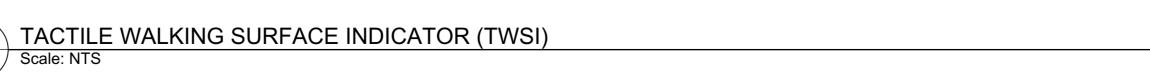
BARRIER FREE PATH OF ACCESS AND DEPRESSED CURB TO COMPLY WITH A.O.D.A. STANDARDS AND CITY OF OTTAWA ACCESSIBLE GUIDELINES. WIDTH OF DEPRESSED CURBS AT HANDICAP PARKING STALLS IS ±1500mm. WIDTH OF DEPRESSED CURB AT DROP OFF ZONE

SECTION - DEPRESSED CURB

CURB

TRANSITION

NOTE: REFER TO CITY OF OTTAWA STANDARD DETAIL



TRANSITION



GENERAL NOTES

1.1 All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface conditions.

.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

3 All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape Architect and Owner.

.4 Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction.

.5 Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits. No substitutions of plant material shall be made without prior approval of the Landscape Architect.

.6 Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.

.7 All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. If sod with mesh is used, mesh to be removed completely during sodding operations. Sod shall come from an approved source and shall be laid within 24 hours of being cut in the nursery. Only nursery sod shall be used.

1.8 Final subgrade is to approved by the Landscape Architect

prior to sod being laid.

.9 Maintain positive surface runoff through the entire construction period.

.10 Reinstate all areas and items damaged as a result of



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| | | 06 | | |
| | | 05 | | |
| | | 04 | | |
| | | 03 | Reissued for SPC | 2025/04/14 |
| | 02 | Issued for Permit | 2025/02/04 | |
| | | 01 | Issued for Coordination | 2025/01/30 |
| | | no. | revision | date |
| ı | | | | |

N45 ARCHITECTURE INC.

fax 613.224.9811 tel. 613.224.0095

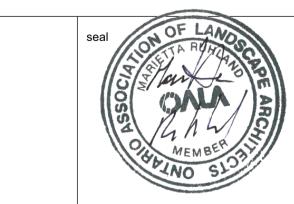
Ruhland & Associates Ltd landscape architecture • urban design • site planning

Ph 613-224-4744 Fx 613-224-1131

East Urban Centre Elementary School

700 Spring Valley Dr, Ottawa, ON, K1W 0H2.

drawing title



LANDSCAPE DETAILS As Shown

checked by 2025-02-25 project number drawing number N45

L-04 RA 24-1743 CONTRACTOR TO VERIFY ALL DIMENSIONS AND revision NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.

DO NOT SCALE DRAWINGS

19255